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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1-53. Cancelled.

54. (New) A method of increasing a level of a cytidine or a derivative or metabolite thereof in a brain of a subject, comprising administering a uridine or a derivative or metabolite thereof to said subject, thereby increasing a level of a cytidine or a derivative or metabolite thereof in a brain of a subject.

55. (New) The method of claim 54, wherein said administering is orally administering.

56. (New) The method of claim 54, wherein said subject is a mammal.

57. (New) The method of claim 54, wherein said uridine is in a uridine source such as a uridine-rich food.

58. (New) The method of claim 54, wherein said derivative is a uridine-5'-monophosphate.

59. (New) A method of increasing a level of a cytidine or a derivative or metabolite thereof in a brain of a subject, comprising administering to said subject a pharmaceutical formulation effective to increase a plasma level in said subject of uridine or a derivative or metabolite thereof, thereby increasing a level of a cytidine or a derivative or metabolite thereof in a brain of a subject.

59. (New) The method of claim 59, wherein said subject is a mammal.

60 (New) The method of claim 59, wherein said derivative is a uridine-5'-monophosphate.